

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Takanori SUGIYAMA et al. Group Art Unit : Not Yet Assigned

Appl. No. : 10/596,393 Examiner : Not Yet Assigned
(National Stage of PCT/JP2005/017922)

I.A. Filed : September 29, 2004 Confirmation No. : 6011

For : OPTICAL SWITCH

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop AMENDMENT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98,
Applicants hereby bring to the attention of the Examiner the following information.

The following documents were cited in an International Search Report with
respect to International Patent Application No. PCT/JP2005/017922, of which the
present application is the U.S. National Stage Application. Copies of the International
Search Report (in Japanese and English) have been filed concurrently with the present
application and should thus have already been brought to the attention of the Examiner.

- (1) Japanese Laid-Open Patent Application Publication No. 2003-248180,
together with an English language Abstract, and patent family member

- U.S. Patent No. 6,965,710 (which corresponds to U.S. Patent Application Publication No. 2003/0053744) to MAKIO, which issued on November 15, 2005;
- (2) Japanese Laid-Open Patent Publication No. SHO 56-107201, together with an English language Abstract of the same; and
 - (3) Japanese Laid-Open Patent Publication No. 2003-195012, together with an English language Abstract of the same.

The relevance of these documents, as ascertained with respect to the international claims by the International Examiner, is set forth in the International Search Report.

Applicants further submit the following documents:

- (4) Japanese Laid-Open Patent Publication No. 2003-015059, together with an English language Abstract of the same, and patent family member U.S. Patent No. 6,829,404 to SUGITAMA et al., which issued on December 7, 2004. Applicants note that this document is cited on page 1 of the specification of the above-captioned application.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patents are not enclosed herewith. However, if any copy is needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully request that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents, including the noted English language Abstracts, are attached hereto, and all of the documents are listed on

an attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Applicants note that an Office Action on the merits has not issued in the present application, and thus, no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Takanori SUGIYAMA et al.

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September 11, 2006
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FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.
- - - - -

Application No.
10/1586,292

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant
Takanori SUGIYAMA et al.

A. Filing Date
September 29, 2004

Group
Not Yet Assigned

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	2003	- 2 4 8 1 8 0	09/05/03	JAPAN			
	56	- 1 0 7 2 0 1	08/28/81	JAPAN			
	2003	- 1 9 5 0 1 2	07/09/03	JAPAN			
	2003	- 0 1 5 0 5 9	01/15/03	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---|--|
| 1 | English Language Abstract of JP 2003-248180. |
| 2 | English Language Abstract of JP 56-107201. |
| 3 | English Language Abstract of JP 2003-195012. |
| 4 | English Language Abstract of JP 2003-015059. |

EXAMINER

DATE CONSIDERED

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.